| Index of Claims             |          |          |              |              |                            |         |                |          |  |            |            | Application/Control No. |                      |              |            |               |          |                 |                 |        |              | Applicant(s)/Patent under Reexamination |                     |          |                 |          |           |         |                |   |  |
|-----------------------------|----------|----------|--------------|--------------|----------------------------|---------|----------------|----------|--|------------|------------|-------------------------|----------------------|--------------|------------|---------------|----------|-----------------|-----------------|--------|--------------|---|---------------------|----------|-----------------|----------|-----------|---------|----------------|---|--|
|                             |          |          |              |              |                            |         |                |          |  |            |            |                         |                      |              | 10/028,748 |               |          |                 |                 |        |              |   |                     |          | MACK ET AL.     |          |           |         |                |   |  |
|                             | •        |          |              |              |                            |         |                |          |  | Ш          |            |                         |                      | ſ            | Examiner   |               |          |                 |                 |        |              |   |                     | Art Unit |                 |          |           |         |                |   |  |
| √ Rejected — (Through numer |          |          |              |              |                            |         |                |          |  |            |            |                         |                      | Joyce Tung   |            |               |          |                 |                 |        |              |   | 1637                |          |                 |          |           |         |                |   |  |
|                             | Re       | tejected |              |              | _ (Through numer Cancelled |         |                |          | era  | ral) Non   |            |                         | lon-l                | Elec         | ted        |               | A        | Appeal          |                 |        |              |   |                     |          |                 |          |           |         |                |   |  |
|                             | =        |          |              |              | Allowed                    |         |                |          | ÷  | Restricted |            |                         |                      | i Interfere  |            |               | erei     | nce             |                 | 0      | Objected     |   |                     |          |                 |          |           |         |                |   |  |
|                             | Claim    |          |              |              |                            | Da      | ate            |          |  | Claim (    |            |                         |                      |              |            | Dat           | e        |                 |                 |        | CI           |   |                     | Date     |                 | r        |           |         |                |   |  |
|                             | _        | a        | 25           |              |                            |         |                |          |  |            | _          | <u></u>                 | 10                   |              |            |               |          |                 |                 |        | _            | la l                                    |                     |          |                 |          |           |         |                | İ |  |
|                             | Final    | Original | 4/22/05      |              |                            |         |                |          |  |            | Final      | Original                | World                |              |            |               |          |                 |                 |        | Final        | Original                                |                     |          |                 |          |           |         |                | ı |  |
| Ė                           |          | 1        | ✓            |              |                            |         |                |          |  |            |            | 51                      | V                    | $\pm$        |            | +-            |          |                 |                 | 7      |              | 101                                     |                     | +        | $\vdash$        | +        | +         | +       | Н              | ı |  |
| -                           |          | 2        | $\mu$        | $\sqcup$     | 4                          | 1       | 4-             | igl      |  |            |            | 52                      |                      | 1            | $\perp$    | $\downarrow $ |          | Ш               | $\Box$          | ]      |              | 102                                     |                     | $\perp$  |                 |          | Ţ         |         |                | ı |  |
| -                           |          | 3        | $\mathbb{H}$ | $\dashv$     | +                          | +       | +              | ╁        | ╀┼┼  | ╢          | -          | 53<br>54                | X                    | +            | +          | ╁             | -        | Н               | ⊢⊢              | -      |              | 103<br>104                              | $\vdash$            |          | $\vdash$        | +        | +         | +       | -              | , |  |
|                             |          | 5        | Н            | $\dashv$     | $\dashv$                   | +       | +              | 1-       | $\vdash$   | tiii       | -          | 55                      | I A I                | $\dagger$    | +          | +             | $\vdash$ | Н               | $\vdash$        | 1      | -            | 105                                     | H                   | +        |                 | +        | ╁         | +       | Н              | ı |  |
|                             |          | 6        | $\Box$       |              |                            |         |                |          |  |            |            | 56                      | <b>V</b> .           |              |            |               |          |                 |                 |        |              | 106                                     |                     |          |                 |          |           |         |                |   |  |
|                             |          | 7        | Ш            | $\Box$       | 4                          | +       | _              |          | <b>├</b>   |            | <u> </u>   | 57                      | 111                  | $\dashv$     | 4          | ╄             | L        |                 |                 | 4      |              | 107                                     |                     |          |                 | $\perp$  | 4         |         | Ш              |   |  |
| -                           |          | 9        | <b>.</b>     | -            | $\dashv$                   | +       | +              | ╁        | ₩  | ╢          | <u> </u>   | 58<br>59                | ₩                    | +            | +          | ╁             | H        | Н               | $\vdash$        | -      | <u> </u>     | 108<br>109                              | $\vdash$            | +        | +               | -        | -         | +       | Н              |   |  |
| F                           | T I      | 10       | 1            |              | +                          | +       | +              | t        | $\vdash$   | ╢          | -          | 60                      | HH                   | 十            | +          | +             |          | Н               |                 | -      | -            | 110                                     | $\vdash$            | +        | -               | +        | +         | +       | Н              |   |  |
|                             |          | 11       |              |              | 1                          | $\top$  |                | T        |  | 1          |            | 61                      | $\Pi$                | $\top$       | $\top$     | $\dagger$     | Т        | П               |                 | 7      |              | 111                                     | П                   | -        |                 |          | $\top$    |         | Н              |   |  |
|                             |          | 12       | ٧            |              | $\Box$                     |         | $\perp$        |          |  | ]          |            | 62                      | Ш                    |              |            | $oxed{oxed}$  |          |                 |                 |        |              | 112                                     |                     |          |                 |          |           |         |                |   |  |
| -                           |          | 13       | Ш            |              | 4                          | +       | +              | <u> </u> |  | 4          |            | 63                      | I V L                | $\perp$      | +          | ╄             |          | Ш               |                 | 4      |              | 113                                     | $\sqcup$            | 4        | $\perp$         | $\perp$  | 4         | 4_      | Ш              |   |  |
| -                           | $\dashv$ | 14<br>15 | Н            | H            | +                          | +       | +              | +        |  | ╢          | <b>-</b> - | 65                      | V                    | +            | +          | ╫             | _        | Н               | $\vdash \vdash$ | -      |              | 114<br>115                              | $\vdash$            |          | $\vdash$        | $\dashv$ | +         | +       | Н              |   |  |
| -                           |          | 16       | Н            | H            | 十                          | +       | $\top$         | $t^-$    | <del>                                     </del> | 惴          | _          | 66                      |                      | +            | +          | +-            |          | $\vdash$        |                 | ۱      |              | 116                                     | $\vdash$            |          | $\vdash$        | -        | +         | +       | $\vdash$       |   |  |
|                             |          | 17       |              |              | 工                          |         |                |          |  |            |            | 67                      |                      |              | 工          |               |          |                 |                 |        |              | 117                                     |                     |          |                 |          | 十         | 1       | Н              |   |  |
| L                           |          | 18       | V,           |              | 4                          | $\perp$ | $\bot$         | <u> </u> |  |            |            | 68                      |                      | $\perp$      | _          | _             |          |                 |                 |        |              | 118                                     |                     |          |                 |          | $\perp$   | $\perp$ |                |   |  |
| -                           | $\dashv$ | 19<br>20 | <b>✓</b>     |              |                            |         | -              | ╀        | <b>├</b> -├-                                     | 4          | <u> </u>   | 69<br>70                | $\vdash$             |              | +          | ┼             |          |                 |                 | -      |              | 119                                     | Н                   |          | 1_              | _        | - -       | —       | Ш              |   |  |
| 1-                          |          | 21       | -            | $\dashv$     | +                          | 十       | +              | +        | ++   | ┨          | <u> </u>   | 71                      | $\vdash$             | +            | ╁          | ╁             | ┝        | Н               |                 | -      |              | 120<br>121                              | $\vdash$            | +        | -               |          | +         | ┿       | Н              |   |  |
| -                           |          | 22       |              | Ħ            | 十                          | +       | $\dagger$      | T        | <del>                                     </del> | ┧          | -          | 72                      |                      | $\dashv$     | ╅          | $\dagger$     | _        |                 |                 | -      | -            | 122                                     |                     | +        | $\vdash$        | +        | +         | ╁       | Н              |   |  |
|                             |          | 23       |              |              |                            |         |                |          |  |            |            | 73                      |                      |              |            |               | Τ        |                 |                 |        |              | 123                                     |                     |          |                 |          | $\top$    |         |                |   |  |
| <u> </u> -                  |          | 24       |              | $\Box$       | 4                          | 4       | 4              | ↓_       | $\bot\bot$                                       | <b>.</b>   | Ŀ          | 74                      | $\sqcup$             | $\perp$      | $\perp$    |               |          |                 |                 | _      |              | 124                                     |                     | $\perp$  | П               |          | $\perp$   |         |                |   |  |
| -                           |          | 25<br>26 | 7            | $\dashv$     | $\dashv$                   | +       | +              | ╄        |  | -          | <u> </u>   | 75<br>76                | $\vdash$             | +            | +          | ╀             | L        | Н               |                 | -      |              | 125                                     | $\vdash \vdash$     | _        | Н               | _        | +         |         | $\square$      |   |  |
| <u> </u> -                  |          | 27       | Н            | $\dashv$     | $\dashv$                   | +       | +              | ╁        | -  | ┨          | -          | 77                      | H                    | +            | ╁          | ╁             | H        | $\vdash$        | $\vdash$        | -      | -            | 126<br>127                              | $\vdash \vdash$     | -        | Н               | +        | ╁         | ╁       | $\vdash\vdash$ |   |  |
| -                           |          | 28       | Ш            |              | 丁                          |         | 丁              | I        |  | ]          |            | 78                      |                      | _            | _          | 1             |          | H               |                 | ۱      |              | 128                                     |                     | $\top$   | Н               | $\dashv$ | $\dagger$ | 1       | H              |   |  |
|                             | - $I$    | 29       | Ш            | П            | Ţ                          | $\perp$ | 厂              |          |  | ]          |            | 79                      | П                    | I            | I          | $\Box$        |          |                 |                 | ]      |              | 129                                     |                     |          |                 |          | $\perp$   |         |                |   |  |
| -                           |          | 30<br>31 | Ш            | $\dashv$     | $\dashv$                   | +       | +              | $\vdash$ | - -  | ┨          | <u> </u>   | 80                      | $\vdash \vdash$      | +            | +          | $\vdash$      | L        | $\square$       | $\vdash$        | -      |              | 130                                     | $\sqcup$            | -        | Ш               | $\perp$  | 1         | $\perp$ | Ц              |   |  |
| }                           |          | 32       | H            | $\vdash$     | -                          | +       | +-             | $\vdash$ | - -  |            | $\vdash$   | 81                      | - -                  | +            | +          | +             | $\vdash$ | $\vdash \vdash$ |                 | -      |              | 131<br>132                              | $\vdash \vdash$     | +        | Н               | +        | +         | +       | Н              |   |  |
|                             |          | 33       | V            |              | 丁                          | 十       | 1              |          | $\vdash$   |            |            | 83                      | $\vdash$             | +            | $\top$     | +             | $\vdash$ | Н               | $\vdash$        | ۱      |              | 133                                     | $\vdash$            | _        | $\forall$       | $\dashv$ | +         | $\top$  | H              |   |  |
|                             |          | 34       | Ż            |              |                            |         |                |          |  | ]          |            | 84                      |                      | I            | $\perp$    |               |          |                 |                 |        |              | 134                                     |                     |          | П               |          | 丁         |         |                |   |  |
| L                           |          | 35       |              |              |                            | $\perp$ | 1              |          | $\Box\Box$                                       | 1          | <u> </u>   | 85                      | $\coprod$            | $\perp$      | $\bot$     | $\perp$       | Ľ        | П               |                 | 4      |              | 135                                     |                     |          | $\Box$          |          | Ţ         | $\perp$ | 口              |   |  |
| -                           |          | 36<br>37 | 쉬            | $\dashv$     | $\dashv$                   | +       | +              | -        | $\vdash\vdash$                                   | 1          |            | 86<br>87                | $\vdash \vdash$      | +            | +-         | +             | ⊢        | ${oxdot}$       | $\vdash$        | - :::: | <u> </u>     | 136<br>137                              | $\sqcup$            |          | $\vdash\vdash$  | $\dashv$ | +         | +       | Ш              |   |  |
| -                           |          | 38       | Н            | -            | $\dashv$                   | ╁       | ╁              | $\vdash$ | - -  |            | $\vdash$   | 88                      | $\vdash$             | +            | +          | +             | ┝        | Н               | $\vdash$        | -      | ┝            | 138                                     | H                   |          | $\vdash$        |          | +         | +       | Н              |   |  |
|                             |          | 39       |              |              |                            |         | T              |          |  |            |            | 89                      |                      | 7            | 1          |               |          |                 |                 | 7      |              | 139                                     |                     |          | Н               | $\top$   | $\top$    | 1       | Н              |   |  |
| -[                          |          | 40       | Щ            | $\Box$       | $\bot$                     | $\perp$ | $\perp$        | $\perp$  | Щ  |            |            | 90                      | П                    | T            | T          |               | 匚        | 口               |                 | ]      |              | 140                                     |                     | $\Box$   | П               |          | I         |         |                |   |  |
| -                           |          | 41       | IJ,          | $\dashv$     | +                          | +       | +              | ╆-       | - -  |            | <u> </u>   | 91                      | $\vdash \vdash$      | 4            | +          | $\vdash$      | <u> </u> | $\sqcup$        | $\vdash$        | -      | <u> </u>     | 141                                     | $\vdash \downarrow$ | _        | $\sqcup$        | 4        | +         | _       | Ш              |   |  |
| }-                          |          | 42<br>43 | ¥,           | $\dashv$     | +                          | +       | +              | $\vdash$ | <del>    -</del>                                 | ┨          | -          | 92                      | $\vdash$             | +            | +          | $\vdash$      | -        | $\vdash \vdash$ | +               | -      | <b> </b>     | 142<br>143                              | $\vdash \vdash$     | +        | $\vdash$        | $\dashv$ | +         | +       | dash           |   |  |
| -                           |          | 44       | -            | $\dashv$     | +                          | +       | +              | $\vdash$ | - -  | 1          |            | 94                      | $\vdash$             | +            | +          | +-            | $\vdash$ | H               | +               | 1      | <del> </del> | 144                                     | $\vdash \vdash$     | $\dashv$ | $\vdash$        | +        | +         | +       | H              |   |  |
|                             |          | 45       |              |              |                            |         |                |          |  |            |            | 95                      |                      | 丁            |            |               |          |                 |                 |        |              | 145                                     |                     |          |                 | $\top$   | 十         |         | H              |   |  |
|                             |          | 46       |              | $\downarrow$ | 4                          |         | <del> </del> _ |          | $\Box$   | 1          |            | 96                      | П                    | T            | $\perp$    |               |          | $\square$       |                 | ]      |              | 146                                     | П                   | I        |                 | $\Box$   | I         |         |                |   |  |
| -                           | _        | 47       |              | 4            | _                          | +       | +              | ⊢        |  | 4          | <u> </u>   | 97                      | ${oldsymbol{arphi}}$ | $\downarrow$ | +          | ↓_            | ldash    | Щ               | $\perp$         | -      | <u> </u>     | 147                                     | $\sqcup$            | _        | $\sqcup$        |          | 4         | $\Box$  |                |   |  |
| -                           |          | 48<br>49 |              | $\dashv$     | +                          | +       | +              | $\vdash$ | $\vdash\vdash$                                   | 1          | $\vdash$   | 98<br>99                | $\vdash$             | +            | +          | $\vdash$      | ├-       | $\vdash \vdash$ | +               | -      | <b></b>      | 148<br>149                              | $\vdash \vdash$     |          | $\vdash \vdash$ | +        | +         | +       | Н              |   |  |
| -                           |          | 50       | 7            | 寸            |                            | 士       | 1              |          |  |            | _          | 100                     | $\vdash$             | +            | +          | +             | -        | $\forall$       | +               | ┧      | -            | 150                                     | $\vdash$            | +        | $\vdash$        | $\dashv$ | +         | +       | $\dashv$       |   |  |
| _                           |          |          |              |              |                            |         |                |          |  | -          |            |                         |                      |              |            |               | _        | _               |                 |        |              |   | _                   |          | 4               |          |           |         |                |   |  |